



**FLAG NOTES:**

- A. FINISHED GRADE/TOP OF MULCH
- B. 10-INCH ROUND VALVE BOX WITH COVER
- C. TRACING WIRE (MUST BE OUTSIDE OF PVC PIPE (D))
- D. 6-INCH CLASS 200 PVC PIPE (LENGTH AS REQUIRED)
- E. 3-INCH MINIMUM DEPTH OF 3/4-INCH WASHED GRAVEL
- F. BRICKS (SEE NOTE 7)
- G. RESILIENT WEDGE GATE VALVE WITH 2-INCH SQUARE OPERATING NUT, CONFORMING TO AWWA C515
- H. 3 MIL. PLASTIC WRAP WITH TAPED ENDS
- I. #4 REBAR, TWO BARS WRAPPED OVER VALVE AND SECURED BY CONCRETE BLOCK
- J. PVC MAINLINE PIPE
- K. CONCRETE SUPPORT BLOCK

**GENERAL NOTES:**

1. NOMINAL SIZE OF GATE VALVE TO MATCH NOMINAL MAINLINE SIZE.
2. INSTALL A 4-INCH THICK CONCRETE PAD BELOW VALVE WITH NO. 4 REBAR WHEN USING PUSH ON TYPE VALVES.
3. USE EITHER MECHANICAL JOINT OR PUSH-ON GASKETED ENDS.
4. THE OPERATOR IS A 2-INCH SQUARE-WRENCH NUT.
5. ANCHOR ISOLATION VALVE TO CONCRETE BY BENDING REBAR OVER EACH END OF VALVE AND EXTENDING A MINIMUM OF 6-INCHES INTO CONCRETE SUPPORT BLOCK.
6. WRAP VALVE ENDS AND BODY IN 3 MIL. PLASTIC PRIOR TO POURING CONCRETE.
7. PER CSU STANDARDS, INSTALL A MINIMUM OF FOUR (4) BRICKS WITH A MINIMUM 3-INCH DEPTH OF GRAVEL INSTALLED BELOW THE BRICKS.

<b>Colorado State University</b> FACILITIES PLANNING, DESIGN AND CONSTRUCTION STANDARDS	DRAWING: <b>L-14</b>
	EXTERIOR IMP. DIV. 32
DATE: 03/22/2021	
<b>ISOLATION GATE VALVE ASSEMBLY          (3" AND LARGER PVC MAINLINE)</b>	